

CLAIMS

- SUB P17
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1. In a data processing environment having a user terminal with a user-id for generating a service request for access to a first data table responsively coupled to a data base management system having at least one data base with at least one data table wherein said at least one data table includes said first data table, the improvement comprising:
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- a security profile corresponding to said user-id whereby said data base management system permits said user terminal to access said first data table if and only if said security profile corresponds to access to said first data table.
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2. The improvement according to claim 1 wherein said at least one data table is a plurality of data tables and said security profile does not correspond to access of at least one of said plurality of data tables.
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3. The improvement according to claim 2 further comprising a second user terminal with a second user-id for generating a second service request for accessing a second one of said plurality of data tables wherein said second user terminal is prohibited from accessing said first data table.
4. The improvement according to claim 3 further comprising a third user terminal with a third user-id for generating a third service request for accessing every one of said plurality

of data tables wherein said third user-id corresponds to a third security profile for accessing every one of said plurality of data tables.

5 5. The improvement according to claim 4 wherein said data base management system is Classic MAPPER.

6. An apparatus comprising:

- a. a user terminal having a user-id;
- b. a data base management system having access to a data base with a plurality of data tables responsively coupled to said user terminal; and
- c. a security profile located within said data base management system corresponding to said user-id wherein said data base management system provides access to a particular one of said plurality of data tables of said data base by said user terminal if and only if said user-id corresponds to said security profile.

7. The apparatus of claim 6 wherein said user terminal accesses said data table by transferring a service request to said data base management system.

8. The apparatus of claim 7 wherein said data base management system accesses said data base using a command language script.

9. The apparatus of claim 8 wherein said service request corresponds to said command

language script.

10. The apparatus of claim 9 wherein said security profile corresponds to said command language script.

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11. A method of utilizing a user terminal having a user-id to access a remote data base management system having a data base with a plurality of data tables comprising:

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- a. transmitting a service request requiring access to a one of said plurality of data tables from said user terminal;
 - b. receiving said service request by said remote data base management system;
 - c. determining a security profile corresponding to said service request;
 - d. comparing said security profile with said user-id; and
 - e. honoring said service request if and only if said user-id corresponds to said security profile.

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12. A method according to claim 11 wherein said transmitting step further comprises transmitting said user-id.

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13. A method according to claim 12 wherein said honoring step further comprises executing a command language script corresponding to said service request.

14. A method according to claim 13 wherein said comparing step further comprises

accessing said security profile as corresponding to said command language script.

15. A method according to claim 14 wherein said remote data base management system further comprises Classic MAPPER data base management system.

16. An apparatus comprising:

- a. means having a user-id for permitting a user to interact with a data table of a digital data base having a plurality of data tables using a service request;
- b. means responsively coupled to said permitting means for offering data processing services involving access to said data table to said user in response to said service request;
- c. means responsively coupled to said offering means for preventing said offering means from said offering data processing services to said user in response to said service request unless said user-id corresponds to a security profile wherein said security profile permits access to said data table.

17. An apparatus according to claim 16 wherein said offering means further comprises means for storing command language script corresponding to said service request.

18. An apparatus according to claim 17 wherein said storing means also stores said security profile.

19. An apparatus according to claim 18 wherein said offering means further comprises Classic MAPPER data base management system.

20. An apparatus according to claim 19 wherein said permitting means further comprises an industry standard personal computer.

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